

DH-72M/335-355

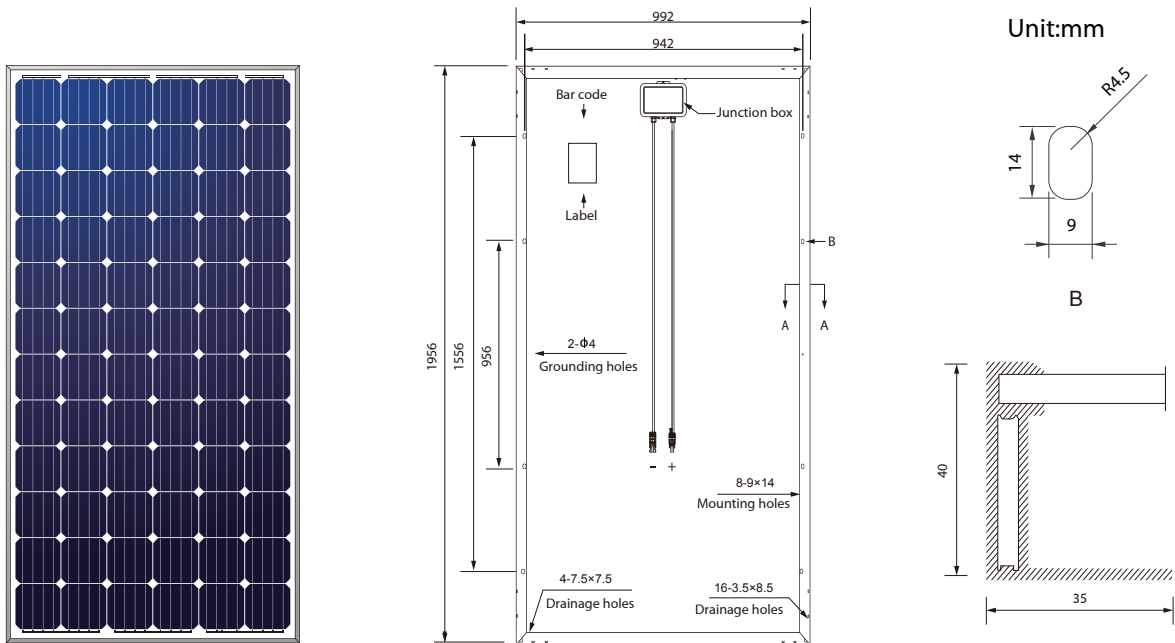
Monocrystalline Silicon Module

DEHUISOLAR
SHARE VALUE

Factory Add: Lot H2-1-5 and Lot H2-1-6. Dai Dong-Hoan Son Industrial Park, Bac Ninh Province, Vietnam

China Office: 28 Floor, Building 1, Hang Lung Plaza, Wuxi, Jiangsu

Germany office: Sebastian-Kneipp-Str.41 60439 Frankfurt



Key Features

The latest technology and automatic equipment

High power output and highest conversion efficiency of 18.30%

Withstand wind loads up to 2400Pa and snow loads up to 5400Pa

Outstanding performance in low-light irradiance environments

12-years
product warranty

30-years 80% linear
power output warranty

Positive power
tolerance of 0~+5W

100% EL
double inspection



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MECHANICAL PARAMETERS

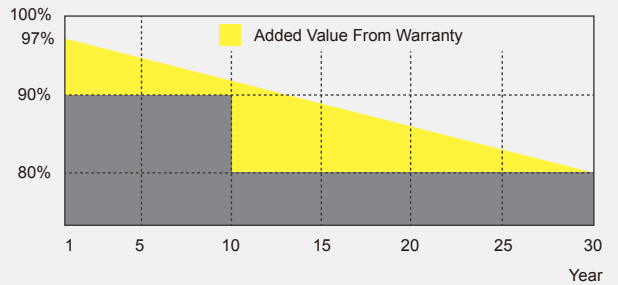
Number of Cells	72 (6x12)
Weight (kg)	23
Dimensions (LxWxH) (mm)	1956x992x40
Cable Cross Section Size (mm ²)	4
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	26 Per Pallet

WORKING CONDITIONS

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind)	5400 Pa (112lb/ft ²)
Maximum Static Load, Back (e.g., wind)	2400 Pa (50lb/ft ²)
NOCT	45±2°C
Application Class	Class A

SUPERIOR WARRANTY

- 12-year product warranty
- 30-year linear power output warranty



ELECTRICAL PARAMETERS

TYPE	DH-72M-335	DH-72M-340	DH-72M-345	DH-72M-350	DH-72M-355
Rated Maximum Power at STC (W)	335	340	345	350	355
Open Circuit Voltage (Voc/V)	46.30	46.50	46.70	47.50	47.70
Maximum Power Voltage (Vmp/V)	37.70	37.90	38.10	38.80	38.90
Short Circuit Current (Isc/A)	9.40	9.49	9.58	9.57	9.63
Maximum Power Current (Imp/A)	8.89	8.97	9.05	9.03	9.10
Module Efficiency (%)	17.30	17.50	17.80	18.10	18.30
Power Tolerance (W)	0~+5W				
Temperature Coefficient of Isc (dIsc)	+0.059%/°C				
Temperature Coefficient of Voc (βVoc)	-0.330%/°C				
Temperature Coefficient of Pmax (γPmp)	-0.410%/°C				
STC	Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass 1.5				

NOCT

TYPE	DH-72M-335	DH-72M-340	DH-72M-345	DH-72M-350	DH-72M-355
Max Power (Pmax/W)	242.2	245.8	249.4	257.3	260.9
Open Circuit Voltage (Voc/V)	42.60	42.80	43.00	43.90	44.10
Max Power Voltage (Vmp/V)	34.10	34.20	34.50	35.60	35.90
Short Circuit Current (Isc/A)	7.58	7.65	7.72	7.71	7.76
Max Power Current (Imp/A)	7.11	7.18	7.24	7.22	7.28

Condition

Under Normal Operating Cell Temperature, Irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s

I-V CURVE

